

Date: Sun, 6 Mar 94 04:30:22 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #60
To: Ham-Digital

Ham-Digital Digest Sun, 6 Mar 94 Volume 94 : Issue 60

Today's Topics:

 aprs400.zip - Hams: Automatic Packet Reporting System (APRS)
 APRS operations on 145.79???
 Baycom modem
 Hamblaster Mailing List
 Help w/MFJ-1278 probx?
 MSK receiver?
 Packet Bulletins via Anonymous FTP
 Problem using Tcp/ip mailboxes from internet
 Tandy Model 100 and Baycom/PMP
 TPK 1.84.

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Feb 94 17:33:40 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!NewsWatcher!
user@ucbvax.berkeley.edu
Subject: aprs400.zip - Hams: Automatic Packet Reporting System (APRS)
To: ham-digital@ucsd.edu

In article <9402211823.kp249@SimTel.Coast.NET>, TPDugan@DOCKMASTER.NCSC.MIL
(Tim Dugan) wrote:

> I have uploaded to the SimTel Software Repository (available by anonymous
> ftp from the primary mirror site OAK.Oakland.Edu and its mirrors):
>
> pub/msdos/hamradio/

```

> aprs400.zip      Hams: Automatic Packet Reporting System (APRS)
>
> APRS avoids the complexity and limitations of trying to maintain a
> connected packet radio network. It accomplishes the real-time display
> of operational traffic via UI frame broadcasts and map displays. A
> station with information to contribute transmits it, and all stations
> receive it.
>
> APRS automatically tracks mobile packet stations interfaced to GPS
> or LORAN, and works just as well with manual tracking. Specific
> applications include weather nets, direction finding, plotting
> satellite contacts, and so forth.
>
> Where is the Army-Navy game football, the event leader, the fire?
> What's the weather like at various points in the county? Where are the
> power lines down? Where is the flood, the hurricane, the earthquake?
>
> Uploaded for the author, Bob Bruninga, WB4APR @ WB3V.MD.USA
>
> Tim Dugan, KA3YYP
> TPDugan@dockmaster.ncsc.mil

```

Is there a version of APRS software for the macintosh yet ...? If so, could you tell me what site I can get it from

Thanx Keith

```

--... ..--
*****
      Keith J Leite KA1AQB
      AX25 - KA1AQB @ WA1PHY.#EMA.MA.USA.NA
      AMPR - ka1aqb@switch.sema.ampr.org
      Internet - kleite@sentry.ndhm.gtegsc.com
*****

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Date: 1 Mar 94 05:52:41 GMT
From: sdd.hp.com!think.com!spdcc!russell@hplabs.hp.com
Subject: APRS operations on 145.79???
To: ham-digital@ucsd.edu

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Hello all,

Recently, amateurs in the Omaha area where I live have been looking into getting an APRS network set up, and one thing that's been a concern of several people (myself included) is the fact that the "standard" frequency that is being used for APRS is 145.79 MHz.

This seems to us to be much too close to the 145.80-146.00 satellite band, especially given the fact that APRS is designed for wide-area operation and people will probably be running some high-powered digipeaters, at least on a temporary basis for special events and probably on a permanent basis.

It has also been mentioned that this frequency falls in a subband that has been suggested for experimental uses, and a permanent packet network based on established AX.25 protocols hardly seems experimental.

What do you think? Are we being paranoid, or is it just that APRS isn't popular enough for people to have noticed? I'd like to see this discussed before people start putting up fixed-frequency remote digis, etc that will be VERY hard to get moved. APRS looks like a great system, and I think it does need a coordinated frequency, but I don't think 145.79 should be that frequency.

--

Tim Russell n0zhy@wd0har.#ene.ne.us.na russell@spdcc.com
Most people would rather have comfort than freedom. The paradox is that you can't really have the former, in the long term, unless you have the latter.
-- Amanda Walker

Date: Fri, 4 Mar 1994 15:10:12 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!news.msfc.nasa.gov!
europa.eng.gtefsd.com!howland.reston.ans.net!pipex!sunic!psinntp!psinntp!gdstech!
gdstech!bat@network.ucsd.edu
Subject: Baycom modem
To: ham-digital@ucsd.edu

Serdar, a digicom modem WON'T work on a phone line. It is only for sending and receiving packets from a radio. It has no onboard processor to execute any commands. It will not work with the usual communications software on a PC, like Procomm, Telix, etc. It needs special software to operate.

--

* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

Date: Fri, 4 Mar 1994 14:00:15 GMT
From: ihnp4.ucsd.edu!news.cerf.net!pravda.sdsc.edu!nic-nac.CSU.net!
newshub.sdsu.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!pipex!sunic!
psinntp!psinntp!laidbak!tellab5!jwa@network.
Subject: Hamblaster Mailing List
To: ham-digital@ucsd.edu

I'm trying to compile an e-mail list for
those who wan't Hamblaster Updates. I'll
include your address in the list and auto-
matically send the updates.

So if you want to be on the list e-mail your reply.

Jack Albert WA9FVP Fellow Radio Hacker
 Tele (708) 378-6201
Tellabs Operations, Inc. FAX (708) 378-6721
1000 Remington Blvd. jwa@tellabs.com
Bolingbrook, IL 60440

The daffinition of stupid

"The guy reading this book. If he doesn't
know the definition of stupid he is!"

Date: 4 Mar 1994 14:54:19 -0500
From: usc!elroy.jpl.nasa.gov!news.msfc.nasa.gov!europa.eng.gtefsd.com!
howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!news.cs.indiana.edu!
babbage.ece.uc.edu!ucunix.san@ihnp4.ucsd.edu
Subject: Help w/MFJ-1278 probx?
To: ham-digital@ucsd.edu

I have picked up a 1278 which has problems--I can talk to it but it
doesn't seem to want to communicate out the far end. I can talk to its
monitor program to change settings, using an IBM clone and ProComm, and
I can even tell it to type out morse code, so the communication between
the unit and the micro is okay, it seems.

However, if I tell it to connect to itself, as per the manual's checkout
instructions, it gives up after a few tries and says it can't find
itself (that is, MYCALL is WB8VNV and "CONNECT WB8VNV" ends with "Too
Many Retries"). Since it's used, I -think- but can't be -sure- I have

all of the jumpers, etc., correct (note that the checkout procedure is done -without any connection to the radio-; it's an internal "connection").

The ham I got if from is hard to get hold of (-: (no, he's in and out of town on business, that's all), so can anyone give me pointers of what jumpers/settings I ought to recheck as critical? I've been through the manual so many times my eyes are glazed over.

How is MFJ about servicing these--as good as TenTec?

Many thanks for any help.

Theodore Allan (Ted) Morris, University of Cincinnati Medical Center,
513-558-0177V, -2682F, MORRIS@UCUNIX.SAN.UC.EDU, MORRISTA@UC.EDU, WB8VNV
Previous politically-incorrect tag-line removed.

Date: 1 Mar 94 16:21:08 GMT
From: nprdc!ihnp4.ucsd.edu!mvp.saic.com!netnews.wku.edu!wkuvx2.wku.edu!
scottcr@network.ucsd.edu
Subject: MSK receiver?
To: ham-digital@ucsd.edu

In article <TM.94Feb23143402@koppelo.cs.tut.fi>, tm@koppelo.cs.tut.fi (Männistö Tatu) writes:

>
> Does anyone know where to find or how to build a radio receiver that
> picks up MSK (minimum shift keying) modulated 100 bits/sec data
> transmitted on approx 300 kHz carrier signal?
>
> This would be used to receive differential GPS-corrections from a
> reference station.
>
> Any pointers?
> --

> -----
> Tatu Männistö
> +358 31 434 456 home Tampere Univ. of Technology
> +358 31 162 951 work (HB230) Internet: tm@cs.tut.fi
> -----

Normally you would mix a LO with the ~ 300 khz to get say, a 50 khz IF, then use something like a EXAR 2211 FSK demod to recover the data.

Or, use a phillips 615 (NE or SA) to do the mix, lo, and demod, all on one chip.

--

SCOTTTCR@WKUVX1.WKU.EDU aka Chris Scott- C/E Public Radio- Western KY U

Telco: (502) 745-3834 Hm & Fax: (502) 781-1232

...just another insignificant VAX user.

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(o o)

-----oo0-(_)-0oo-----

Date: 4 Mar 1994 21:27:31 GMT

From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!news.msfc.nasa.gov!

europa.eng.gtefsd.com!gatech!usenet.ufl.edu!travis.csd.harris.com!travis!

bob@network.ucsd.edu

Subject: Packet Bulletins via Anonymous FTP

To: ham-digital@ucsd.edu

I am looking for anonymous ftp sites that keep recent packet bulletins.
I already know about hamgate2.w5-f6cnb.ampr.org which has a fair number
each day. Any suggestions appreciated.

Bob / KA4SRT

bgray@csd.harris.com

Date: Sat, 5 Mar 1994 02:15:46 GMT

From: ihnp4.ucsd.edu!mvb.saic.com!unogate!news.service.uci.edu!usc!

howland.reston.ans.net!gatech!udel!news.sprintlink.net!direct!news.direct.net!

nu7i@network.ucsd.edu

Subject: Problem using Tcp/ip mailboxes from internet

To: ham-digital@ucsd.edu

Hello. I am on a 386 BsdI 1.0 unix box using vt100 terminal emulation.
The system I am using used to be under System V and there were no
problems with telnet to places like wa7slg.ampr.org.
Now, under BsdI, however, when I hit enter I see the ^m. Also, when
sending commands to packet nodes like the r command for routes I get an
invalid command. I have a feeling that my enter and other commands are
no longer processed right. Any suggestions? Thanks. 73

--

Darrell Shandrow at Arizona State University

Member: National Federation of the Blind

"Proud, Angry, and Strong" -- quoted from Jennifer Restle

(The complete information access agenda - You print it you braille it too!)

Date: 4 Mar 94 14:39:50 GMT
From: nprdc!ihnp4.ucsd.edu!pacbell.com!att-out!cbfsb!cbnewsg.cb.att.com!
mam@network.ucsd.edu
Subject: Tandy Model 100 and Baycom/PMP
To: ham-digital@ucsd.edu

Has anyone figured out how to connect a Baycom/Poor Mans Packet circuit
to a Tandy Model 100?

I just finished building a Baycom modem for packet, and I'd just love
to be able to use my portable, non-MSDOS compatible Model 100 as a terminal
to at least receive those packets.

Actually, we've been trying to get the Model 100 to decode the signals directly
through the cassette port. All we've been able to do is CW so far. RTTY
is next, unless someone has cracked that nut already ...

Thanks,

Mark KB2els
mccuistion@attmail.att.com

Date: 4 Mar 1994 18:27:09 GMT
From: news.cerf.net!pravda.sdsc.edu!nic-nac.CSU.net!news.Cerritos.edu!
news.Arizona.EDU!math.arizona.edu!noao!ncar!gatech!howland.reston.ans.net!EU.net!
sunic!isgate!news.rhi.hi@ihnp4.ucsd.edu
Subject: TPK 1.84.
To: ham-digital@ucsd.edu

Hello, does anyone know where I can ftp. the newest version
of TPK, which would be version 1.84. I already have
version 1.81. I am told that the support for BPQ is
much better and the mail interface with the FBB BBS in the
new version.

So please e-mail or post if you know where to find TPK 1.84.

73 CUL de TF3BNT

Benedikt Sveinsson
Hateigsvegur 2
105 Reykjavik
Iceland

e-mail : bnt@rhi.hi.is
packet : TF3BNT.ISL.EU

End of Ham-Digital Digest V94 #60
